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=> s desacetylcephalosporin (10a) acremonium  
L1 14 DESACETYLCEPHALOSPORIN (10A) ACREMONIUM

=> dup rem l1  
PROCESSING COMPLETED FOR L1  
L2 7 DUP REM L1 (7 DUPLICATES REMOVED)

=> d 1-7

L2 ANSWER 1 OF 7 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
DUPLICATE 1

AN 2002-00799 BIOTECHDS

TI New direct fermentation process for producing  
\*\*\*desacetylcephalosporin\*\*\* -C, involves culturing a strain of  
\*\*\*Acremonium\*\*\* chrysogenum containing recombinant nucleic acid  
encoding Rhodosporidium toruloides cephalosporin esterase;  
desacetylcephalosporin-C production from cephalosporin-C and  
cephalosporin esterase

AU Chiang S D; Basch J D

PA Bristol-Squibb

LO Princetown, NJ, USA.

PI WO 2001066767 13 Sep 2001

AI WO 2001-US7417 8 Mar 2001

PRAI US 2000-188033 9 Mar 2000

DT Patent

LA English

OS WPI: 2001-557871 [62]

L2 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2004 ACS on STN

AN 1994:189760 HCAPLUS

DN 120:189760

TI Extraction of cephalosporin C from whole broth and separation of desacetyl  
cephalosporin C by aqueous two-phase partition

AU Yang, Wu Yung; Lin, Chun Der; Chu, I Ming; Lee, Chau Jen

CS Union Chem. Lab., ITRI Hsinchu, Hsinchu, 300, Taiwan

SO Biotechnology and Bioengineering (1994), 43(6), 439-45

CODEN: BIBIAU; ISSN: 0006-3592

DT Journal

LA English

L2 ANSWER 3 OF 7 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 2

AN 1988:394626 BIOSIS

DN PREV198886067265; BA86:67265

TI BIOLOGICAL GROUNDS FOR COMPOSITION CONTROL OF CEPHALOSPORINS IN CULTURES  
OF ACREMONIUM-CHRYSOGENUM.

AU YUNKEROVA L I [Reprint author]; BARTOSHEVICH YU E; YUDINA O D; NOVAK M I;  
BELYANINA B F; EGOROV V L; BOGATKOV L G

CS BRANCH, ALL-UNION RES INST ANTIBIOT, PENZA, USSR

SO Antibiotiki i Khimioterapiya, (1988) Vol. 33, No. 4, pp. 245-248.

CODEN: ANKHEW. ISSN: 0235-2990.

DT Article

FS BA

LA RUSSIAN

ED Entered STN: 7 Sep 1988

Last Updated on STN: 7 Sep 1988

L2 ANSWER 4 OF 7 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.

on STN  
AN 81012168 EMBASE  
DN 1981012168  
TI Procedure for separation and determination of  
\*\*\*desacetylcephalosporin\*\*\* c in fermentation broths of  
\*\*\*Acremonium\*\*\* chrysogenum.  
AU Somorova M.; Frimm R.; Welward L.; et al.  
CS Modr Res. Inst. Drugs, Slov. Lupca Branch, Modr, Czechoslovakia  
SO Antibiotiki, (1980) 25/5 (330-333).  
CODEN: ANTBAL  
CY Russia  
DT Journal  
FS 037 Drug Literature Index  
LA Russian  
SL English

DUPLICATE 3

L2 ANSWER 5 OF 7 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 80:225919 SCISEARCH  
GA The Genuine Article (R) Number: JS681  
TI PROCEDURE FOR SEPARATION AND DETERMINATION OF  
\*\*\*DESACETYLCEPHALOSPORIN\*\*\* -C IN FERMENTATION BROTHS OF  
\*\*\*ACREMONIUM\*\*\* CHRYSOGENUM  
AU SOMOROVA M (Reprint); FRIMM R; WELWARD L; DUDEK M; LUKASHIKOVA E  
CS MODR DRUG RES INST, MODR, CZECHOSLOVAKIA (Reprint)  
CYA CZECHOSLOVAKIA  
SO ANTIBIOTIKI, (1980) Vol. 25, No. 5, pp. 330-333.  
DT Article; Journal  
FS LIFE  
LA Russian  
REC Reference Count: 3

L2 ANSWER 6 OF 7 MEDLINE on STN  
AN 79041549 MEDLINE  
DN PubMed ID: 708374  
TI The oxygenation of [3-methyl-3H]desacetoxycephalosporin C  
[7beta-(5-D-aminadipamido)-3-methylceph-3-em-4-carboxylic acid] to  
[3-hydroxymethyl-3H] \*\*\*desacetylcephalosporin\*\*\* C by  
2-oxoglutarate-linked dioxygenases from \*\*\*Acremonium\*\*\* chrysogenum  
and Streptomyces clavuligerus.  
AU Turner M K; Farthing J E; Brewer S J  
SO Biochemical journal, (1978 Sep 1) 173 (3) 839-50.  
Journal code: 2984726R. ISSN: 0264-6021.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 197812  
ED Entered STN: 19900314  
Last Updated on STN: 19990129  
Entered Medline: 19781229

DUPLICATE 4

L2 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2004 ACS on STN  
AN 1978:18798 HCAPLUS  
DN 88:18798  
TI The oxygenation of the 3-methyl group of 7.beta.-(5-D-aminoadipamido)-3-  
methylceph-3-em-4-carboxylic acid (desacetoxycephalosporin C) by extracts  
of Acremonium chrysogenum  
AU Brewer, Stephen J.; Farthing, John E.; Turner, Michael K.  
CS Glaxo Res., Stoke Poges, UK  
SO Biochemical Society Transactions (1977), 5(4), 1024-6  
CODEN: BCSTB5; ISSN: 0300-5127  
DT Journal  
LA English

=> dis his

(FILE 'HOME' ENTERED AT 22:28:51 ON 25 JUN 2004)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,  
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L1 14 S DESACETYLCEPHALOSPORIN (10A) ACREMONIUM  
L2 7 DUP REM L1 (7 DUPLICATES REMOVED)

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

-  
- FULL ESTIMATED COST

ENTRY  
29.21

SESSION  
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## WEST Search History

DATE: Friday, June 25, 2004

Hide?	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L1	desacetylcephalosporin with acremonium	4

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## Hit List

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Generate OACS				

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20020048781 A1

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L1: Entry 1 of 4

File: PGPB

Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020048781

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020048781 A1

TITLE: Direct production of desacetylcephalosporin C

PUBLICATION-DATE: April 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chiang, Shu-Jen David	Manlius	NY	US	
Basch, Jonathan David	East Syracuse	NY	US	

US-CL-CURRENT: 435/47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWAC	Drawings
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☐ 2. Document ID: US 5082772 A

L1: Entry 2 of 4

File: USPT

Jan 21, 1992

US-PAT-NO: 5082772

DOCUMENT-IDENTIFIER: US 5082772 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Process for preparing deacetylcephalosporin C

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Drawings
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☐ 3. Document ID: US 4520101 A

L1: Entry 3 of 4

File: USPT

May 28, 1985

US-PAT-NO: 4520101

DOCUMENT-IDENTIFIER: US 4520101 A

h e b b g e e e f e b h e f b e

TITLE: Production of cephalosporin C

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 4. Document ID: JP 2004500826 W, WO 200166767 A2, AU 200140112 A, US 20020048781 A1, EP 1263969 A2

L1: Entry 4 of 4

File: DWPI

Jan 15, 2004

DERWENT-ACC-NO: 2001-557871

DERWENT-WEEK: 200410

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TITLE: New direct fermentation process for producing desacetylcephalosporin C, involves culturing a strain of Acremonium chrysogenum containing recombinant nucleic acid encoding Rhodospiridium toruloides cephalosporin esterase

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
desacetylcephalosporin with acremonium	4

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